**Minerals** (p. 748) – We will do this together.

**I. Mineral Characteristics**

**1. Define the term mineral.**

Mineral –

**2. Identify the five characteristics of minerals.**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3. Match the mineral physical properties with the correct definitions.**

1. \_\_\_\_\_\_\_\_ Appearance A. The way in which a mineral breaks.

2. \_\_\_\_\_\_\_\_ Cleavage / Fracture B. How shiny or dull a mineral appears.

3. \_\_\_\_\_\_\_\_ Hardness C. Strength of a mineral. Rated on a scale of 1 – 10.

4. \_\_\_\_\_\_\_\_ Luster D. Color and overall look of a mineral.

5. \_\_\_\_\_\_\_\_ Streak E. Powder created by a mineral when crushed.

**II. Crystals**

**1. Define the term crystal.**

Crystal –

**2. Identify which type of crystals is produced from the following depths.**

Deep below the surface : (Circle One) Small Crystals Large Crystals

Closer to the surface : (Circle One) Small Crystals Large Crystals

**3. Identify which type of crystals is produced from the following cooling rates.**

Fast Cooling : (Circle One) Small Crystals Large Crystals

Slow Cooling : (Circle One) Small Crystals Large Crystals